## ISSUE SLIP STAPLE AREA (for additional cross references)

| F_, SITION                | INITIALS | ID NO. | DATE                                    |
|---------------------------|----------|--------|---|
|                           |          | ^      |   |
| FEE DETERMINATION         |          |        |   |
| O.I.P.E. CLASSIFIER       |          | 21     | 11/3/00                                 |
| FORMALITY REVIEW          |          | /      | , |
| RESPONSE FORMALITY REVIEW |          | 7/435  | 12/19/00                                |
|                           |          |        | 17.                                     |

## INDEX OF CLAIMS

| V | Rejected                   | Ν. | Non-elected  |
|---|----------------------------|----|--------------|
| = | Allowed                    | Ι. | Interference |
| _ | (Through numeral) Canceled | Α. | Appeal       |
| ÷ | Restricted                 | 0. | Objected     |

|   |               |           |          |   |          |   |   |    |            | ÷  | •••  | ••••     | ••••     |            |          |
|---|---------------|-----------|----------|---|----------|---|---|----|------------|--|--|----------|----------|------------|----------|
|   |               |           | _        | _ | _        | _ | _ | _  |            |  |  |          |          |            |          |
| 1 | Cla           | im        | 4        | _ |          | _ | _ |    |            | Dat  | e  |          |          |            |          |
| 1 |               | inal      | 1        | ž | 2        | Ś |   | ģ  |            |  |  |          |          |            |          |
|   | ā             | je<br>Jie | ć        | ١ | 2        | Ŋ |   | þ  |            |  |  |          |          |            |          |
|   | Final         | ā         |          | ٨ | 1        | ï |   | /  |            |  |  |          |          |            |          |
| 1 | 1             | 1         | L        | 7 | ٧        | 7 | Γ | 7  |            |  |  |          |          |            |          |
|   |               | 2         | 7        | _ |          |   | - | ī  | $\vdash$   |  |  |          |          |            |          |
|   |               | 3         | H        |   | П        | H | Г | T  | _          |  |  |          |          |            |          |
|   |               | 4         | H        | - | H        | Н | H | ⊦  | ├─         | -  | -  |          |          |            | -        |
|   | $\vdash$      | 5         | H        | _ | Н        | t | Н | H  | -          |  | $\vdash$   |          | _        |            |          |
| ٩ | <u></u>       | 6         | Н        | _ | ┝        | ł | H | H  | -          |  | -  | $\vdash$ |          | -          | $\vdash$ |
|   | ·             | 7         | Н        | ┝ | ┝        | H | H | ┝  | -          | ├  |  | -        | _        | -          | -        |
|   | _             | 8         | Н        | ┝ | -        | H | H | ╀  |            | ├  | -  |          |          | Н          |          |
|   | _             |           | Н        | L | ١-       | Ļ | H | ╀  | -          |  | H  |          | _        |            | -        |
|   |               | 9         | Н        | L | Н        | Ц | L | 1  |            | <u> </u>   | _  |          | _        |            | -        |
|   |               | 10        | Ц        | L | Ц        |   | L | ļ  | <u> </u>   |  |  |          |          | _          | Ш        |
|   | L             | 11        | Ц        | _ | Ц        | Ц | L | L  |            | _  |  |          |          | Ш          |          |
|   |               | 12        | Ц        | _ | Ц        |   | L | L  | L          | L  |  | L        |          |            |          |
|   |               | 13        |          | L | Ц        |   | L | L  | L          |  |  |          |          |            |          |
| 1 |               | 14        | П        | Ĺ |          |   |   | Ĺ  |            | Ĺ  |  |          |          |            |          |
| ļ |               | 15        | П        | Γ | Г        | Γ | П | Г  |            |  |  |          |          |            |          |
|   | Г             | 16        | Г        | Γ | Γ        | T | П |    |            |  |  |          |          |            |          |
|   |               | 17        | L        | t | Г        | ۲ | Ħ | Т  | Г          | П  |  |          |          | П          |          |
| 1 | 5             | 18        | Ť        | 1 | -        | t | H |    | _          |  | П  | $\vdash$ | ┢        | Г          | $\Box$   |
|   | H             | 19        | ┝        | ł | r        | 1 | Н | ۲  |            | $\vdash$   | <del>                                     </del> |          | _        |            |          |
|   | -             | 20        | -        | t | -        | 1 | H | ┝  | -          | <del>                                     </del> | -  | -        | -        | $\vdash$   |          |
|   | _             | -         | L        | 4 | L        | 4 | L | L  | ļ          | <del>  -</del>                                   |  |          | <u> </u> | -          | H        |
|   |               | 21        | L        | 4 | L        | 4 | L | L  | <u> </u>   |  |  | _        |          | _          | -        |
|   | _             | 22        | L        | 4 | L        | 4 | L | L  |            | ļ  |  | <u> </u> | <u> </u> | <u> </u> _ |          |
|   | L             | 23        | ٠.       | 4 | L        | 1 | L | L  | L          | <u> </u>   | _  | _        | <u> </u> |            | _        |
|   |               | 24        | ₽        | 4 | L        | L | Ц | L  | _          | _  | <u>L</u>   | <u> </u> | L.       | <u> </u>   |          |
|   | Ĺ             | 25        |          | 1 | Ц        | L | Ц | L  | _          | <u> </u>   |  |          |          |            |          |
|   |               | 26        |          | ı | Ы        |   | L | L  |            |  |  | <u></u>  | _        | <u> </u>   |          |
|   |               | 27        |          | _ | Ц        |   | L | ĮL |            |  | L  |          | L        | L          |          |
|   | ,             | 28        | 1        |   | 1        | / |   | 4  |            | 1  |  |          |          |            |          |
| ı |               | 29        | Γ        |   | Г        |   | Γ |    | П          | П  |  |          |          |            |          |
|   |               | 30        | Γ        |   | Г        |   | Г | _  |            | Г  | Τ  |          |          |            |          |
|   |               | 31        | Ī        |   | Г        |   | Γ |    |            |  |  |          | _        | -          |          |
|   |               | 32        | T        |   | Г        |   | Γ | _  | Γ          |  |  | <u> </u> | Г        |            |          |
|   |               | 33        | -        |   | Г        |   | T | _  | -          |  |  |          |          | Ι-         |          |
|   | Н             | 34        | t        | _ | Г        | - | ۲ |    | $\vdash$   | $\vdash$   | $\vdash$   | <u> </u> | Г        | Г          |          |
|   | ┢             | 35        | t        |   | H        |   | H | -  |            | t  | $\vdash$   |          | Т        |            |          |
|   |               | 36        |          | _ | H        |   | H | -  | ├-         | +-   | ┢  | H        | -        | $\vdash$   |          |
|   | $\vdash$      | 37        | 4        |   | H        | _ | H | -  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | -        | $\vdash$   |          |
| , | <u> </u>      | 38        |          | - | -        | - | H | _  | -          |  | -  | $\vdash$ | $\vdash$ | -          | $\vdash$ |
|   | ⊢             | 39        | H        |   | H        | _ | Ͱ | _  | -          | $\vdash$   | $\vdash$   |          |          | $\vdash$   |          |
|   |               | —         | $\vdash$ | _ | $\vdash$ | _ | ╀ | _  | -          | <del> </del>                                     | <del> </del>                                     | $\vdash$ | -        | -          | H        |
|   | $\vdash$      | 40        | L        |   | -        |   | L |    | 1          | ـ  | <del> </del>                                     | <u> </u> | $\vdash$ | -          |          |
|   | ldash         | 41        | _        |   | L        | _ | L | _  | <u> </u> _ | lacksquare                                       | <u> </u>   | <u> </u> | <u> </u> | <u> </u>   | <u> </u> |
|   | <u> </u>      | 42        |          | _ | L        | _ | L |    | L          | <u> </u>   | <u> </u>   | $\vdash$ | <u> </u> | _          | L        |
|   | <u> </u>      | 43        | L        |   | L        |   | L |    | L          | L  | <u></u>  |          | <u> </u> | 匚          | L        |
|   | L             | 44        | Ĺ        |   | Ĺ        | _ | L | _  | L          | L  | L  |          |          |            |          |
|   |               | 45        | Γ        |   | Γ        | _ | Γ | _  |            |  |  |          |          |            |          |
|   |               | 46        | Γ        |   | Γ        | _ | Γ |    |            |  | $\Gamma$   | $L^-$    |          |            |          |
|   |               | 47        |          |   | Γ        |   | Γ |    | Γ          | Π  | T  |          |          |            |          |
|   | _             | 48        | _        |   | Г        |   | T |    | Γ          |  | Π  | Г        |          | Г          |          |
|   | Г             | 49        | _        | _ | Γ        |   | Γ |    | Γ          | Г  | <del>                                     </del> | Г        |          |            |          |
|   | Г             | 50        | ┿        | _ | Γ        | _ | Γ |    | Π          |  | _  | _        |          | Г          |          |
|   | $\overline{}$ | _         | -        |   | -        | _ | - |    |            |  | -  | _        |          |            |          |

| Cla          | im       |          | _            |  |  | Dat  | e            |          |  |  | _        |
|--------------|----------|----------|--------------|--|--|--|--------------|----------|--|--|----------|
|              |          | - 1      |              |  |  |  |              |          |  |  | ĺ        |
| Final        | Original |          |              |  |  |  |              |          |  |  |          |
| u.           |          | _        |              |  |  |  | -            |          | <u> </u>                                     |  |          |
|              | 51       |          | $\vdash$     | Ļ.,  |  |  |              |          |  | <u> </u>   | <u> </u> |
|              | 52       |          |              | _  |  |  |              |          | L  |  | Ļ.       |
|              | 53       |          |              |  |  |  |              |          |  | L  | L        |
|              | 54       |          |              |  |  |  |              |          | <u>.                                    </u> | _  | L.       |
|              | 55       |          |              |  |  | _  |              |          |  | _  | L        |
|              | 56       |          |              |  |  |  |              |          |  | _  | L        |
|              | 57       |          |              |  |  |  |              |          |  |  |          |
|              | 58       |          |              |  |  |  |              |          |  | L  |          |
|              | 59       |          |              |  |  |  |              |          |  |  |          |
|              | 60       |          |              |  |  |  |              |          |  |  |          |
|              | 61       |          |              |  |  |  |              |          |  |  |          |
|              | 62       |          |              |  |  |  |              |          |  |  |          |
|              | 63       |          |              |  |  |  |              |          |  |  |          |
|              | 64       |          |              |  |  |  |              |          | Г  |  | Г        |
| _            | 65       |          |              | Н  | -  | -  |              | h        | · -  |  | Г        |
|              | 66       |          |              |  | -  | -  |              |          |  |  | ┢        |
|              | 67       |          | -            | -  | _  | -  | -            |          |  | _  | ┢        |
|              | 68       | _        | -            | -  |  |  | -            | $\vdash$ | -  |  | ┝        |
|              | -        |          | _            | _  | -  | -  |              | -        |  |  | $\vdash$ |
|              | 69       |          |              |  | <u> </u>   | _  | ├            | ⊢        | ├  |  | -        |
|              | 70       |          |              | <u> </u>   |  | L  | L.           | <u> </u> | <u> </u>                                     | <u> </u>   | L        |
|              | 71       |          | _            | _  | <u> </u>   | <u> </u>                                     |              | <u> </u> | _  | L_   | L        |
|              | 72       |          |              |  | L.   | L  | L            | <u></u>  | _  |  | L        |
|              | 73       |          | L            |  |  |  |              | <u> </u> | L  | L  | L        |
|              | 74       |          |              |  |  |  |              | L        |  |  |          |
|              | 75       |          |              |  |  |  |              |          |  |  |          |
|              | 76       |          |              | _  |  |  |              |          |  |  |          |
|              | 77       |          |              |  |  |  |              | <u> </u> |  | l  |          |
|              | 78       |          |              |  |  |  |              | [        | _  |  |          |
|              | 79       |          |              |  |  |  |              |          |  |  |          |
|              | 80       |          |              |  |  |  |              |          |  |  |          |
|              | 81       |          |              |  |  |  | -            |          |  |  |          |
|              | 82       | -        |              | <u> </u>   |  | <u> </u>                                     | $\vdash$     | -        |  |  | T        |
|              | 83       |          |              | $\vdash$   | $\vdash$   |  |              | -        | ┢  | <del>                                     </del> | 1        |
| $\vdash$     | 84       |          |              | $\vdash$   | <del>                                     </del> | -  |              | $\vdash$ |  |  | T        |
| <del> </del> | 85       | $\vdash$ |              | ┢═   | $\vdash$   | $\vdash$                                     |              | $\vdash$ | $\vdash$                                     | <u> </u>   | -        |
| -            | 86       | Н        | <del> </del> | $\vdash$   |  | Ι  |              | $\vdash$ | $\vdash$                                     | -  | H        |
|              | 87       |          |              | H  | H  | H  | -            | -        | $\vdash$                                     | -  | ┢        |
|              | 88       | Н        | -            | <del>  -</del>   |  | $\vdash$                                     | -            | -        | $\vdash$                                     | $\vdash$   | H        |
| -            | 89       | -        | -            | $\vdash$   |  |  | 1            | $\vdash$ |  | -  | Н        |
|              | 90       | H        | -            | <del> </del>   | $\vdash$   | ├-   | -            | $\vdash$ | $\vdash$                                     |  | H        |
| <u> </u>     |          |          | ├            | $\vdash$   |  | <u> </u>                                     | <u> </u>     |          | <del> </del>                                 | $\vdash$   | $\vdash$ |
|              | 91       | H        | _            | ├_   | <u> </u>   | <u> </u>                                     | <u> </u>     | <u> </u> | $\vdash$                                     | -  | -        |
| <u> </u>     | 92       |          | _            | <u> </u>   | ļ  | <u> </u>                                     | <u> </u>     | <u> </u> | <u> </u>                                     | <u> </u>   | -        |
| $\vdash$     | 93       |          | ļ            | <u> </u>   | <u> </u>   | <b> </b>                                     | <u> </u>     | _        |  | $\vdash$   | L        |
| L_           | 94       | L.       | _            | $ldsymbol{ld}}}}}}$ | L_   | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $oxed{oxed}$ | <u>L</u> | L  |  | L        |
| Ĺ            | 95       |          |              |  | L.   | L.   | Ш            |          | _  | _  | _        |
| Ĺ            | 96       |          | L            | Ĺ  |  |  |              |          | L.   |  | L        |
|              | 97       |          | Ĺ            | L  |  |  | $L^{-}$      |          |  | L  | L        |
|              | 98       |          |              |  |  |  |              |          |  |  |          |
|              | 99       |          | Г            |  |  |  |              |          |  |  |          |
|              | 100      |          |              |  |  |  |              |          |  |  | Ĺ        |

| Cla         | ıim        | İ            |  |          |          | Dat      | е            |          |          |          |          |  |
|-------------|------------|--------------|--|----------|----------|----------|--------------|----------|----------|----------|----------|--|
|             |            |              |  |          |          | Π.       |              |          |          |          |          |  |
| <del></del> | Original   |              | l i  |          |          |          |              |          |          |          |          |  |
| Final       | Ĕ          |              |  |          |          |          |              |          |          |          |          |  |
|             | 101        |              | H  | -        |          | -        | -            |          | -        |          |          |  |
| -           | 102        | -            | -  | _        | _        | _        |              |          |          |          | -        |  |
| _           | 103        | H            | -  |          |          |          |              | _        |          |          | $\vdash$ |  |
|             | 104        |              | <u> </u>   | -        |          |          | _            |          | _        | -        | H        |  |
|             | 105        | <u> </u>     | -  |          |          |          |              |          |          |          |          |  |
| -           |            | -            | $\vdash$   |          | _        |          | _            |          |          |          |          |  |
| _           | 106        | -            | _  |          | _        |          | _            |          | $\vdash$ | _        | -        |  |
| _           | 107<br>108 | -            | _  | _        | _        |          |              | _        |          |          |          |  |
|             |            | _            | <u> </u>   |          | _        |          |              |          |          | _        |          |  |
| _           | 109        |              |  |          | -        |          |              |          | _        |          | -        |  |
| _           | 110        | -            |  |          |          |          |              | _        | <u> </u> |          | _        |  |
|             | 111        | <u> </u>     |  |          |          |          |              |          |          |          |          |  |
|             | 112        |              |  |          |          |          |              |          |          |          |          |  |
|             | 113        |              | <u> </u>   |          |          |          |              |          | L        |          | _        |  |
| _           | 114        |              | _  |          | _        |          |              |          |          |          | _        |  |
|             | 115        | <u> </u>     |  |          |          |          |              | ļ        |          | _        | <u> </u> |  |
|             | 116        | <u> </u>     | _  |          |          | L        | _            |          | -        | _        | _        |  |
|             | 117        |              |  | -        | _        |          | <u> </u>     |          |          | -        |          |  |
|             | 118        |              |  | _        |          | <u> </u> |              |          | _        |          | <u> </u> |  |
|             | 119        | -            | <u> </u>   |          | _        | <u> </u> | ļ            |          |          | _        |          |  |
|             | 120        |              | _  | oxdot    |          | _        | _            | _        | L        | L.       |          |  |
|             | 121        |              |  |          |          | <u> </u> | <u> </u>     | <u> </u> | _        | _        |          |  |
|             | 122        |              | _  | _        |          |          | <u> </u>     | _        | <u> </u> | <u> </u> |          |  |
|             | 123        |              |  | <u> </u> | <u> </u> | _        | <u> </u>     | <u> </u> | ļ        | _        |          |  |
|             | 124        |              |  |          |          | ļ        | ļ            |          |          | <u> </u> | <u> </u> |  |
| _           | 125        |              | _  | <u> </u> | <u> </u> |          |              | <u> </u> | <u> </u> | <u> </u> |          |  |
| _           | 126        |              | _  | _        |          | <u> </u> |              | <u> </u> | <u> </u> | _        | ļ        |  |
| _           | 127        |              |  | <u> </u> | _        |          |              |          |          | <u> </u> | -        |  |
| _           | 128<br>129 |              |  | _        | _        | <u> </u> |              |          | <u> </u> | H        |          |  |
|             | _          | _            |  |          | -        | $\vdash$ | <u> </u>     | -        |          | ⊢        |          |  |
|             | 130        |              | _  |          |          | -        | ⊢            | ├        |          | -        | _        |  |
|             | 131        |              |  | _        |          |          | -            |          |          | H        | _        |  |
| _           | 132        |              | -  | _        | -        | -        | ⊢            | ┝        | ├        | -        |          |  |
| _           | 133        |              |  | _        | H        |          | -            |          |          |          |          |  |
| _           | 134<br>135 |              |  | <u> </u> | -        | $\vdash$ | <u> </u>     |          |          | -        | $\vdash$ |  |
| -           | 136        |              | $\vdash$   |          | -        | ⊢        | $\vdash$     |          |          | -        | $\vdash$ |  |
| -           | 137        |              | $\vdash$   |          | $\vdash$ | $\vdash$ | $\vdash$     | -        |          | H        | $\vdash$ |  |
|             | 138        |              | <del>                                     </del> | _        | -        | -        | $\vdash$     | $\vdash$ | $\vdash$ |          |          |  |
| _           | 139        |              | $\vdash$   |          |          | ⊢        |              |          | ┢        |          | $\vdash$ |  |
|             | 140        |              |  | -        | -        |          |              |          | -        | -        |          |  |
| -           | 141        |              | -  |          |          | ┢╌       |              | -        |          |          | -        |  |
| _           | 142        | _            | -  |          |          |          |              |          |          |          | -        |  |
| -           | 143        |              |  |          | Н        | $\vdash$ | ├            | $\vdash$ | $\vdash$ | H        | $\vdash$ |  |
|             | 144        | Н            |  | -        |          | $\vdash$ | <del> </del> | -        | -        | H        | $\vdash$ |  |
| _           | 145        |              |  |          | $\vdash$ | ⊢        |              | -        | $\vdash$ | <b>—</b> | -        |  |
|             | 146        | -            | $\vdash$   |          | $\vdash$ | $\vdash$ | <u> </u>     |          | -        | $\vdash$ | $\vdash$ |  |
|             | 147        | $\vdash$     |  | -        |          | $\vdash$ | $\vdash$     | Η-:      | -        | H        | $\vdash$ |  |
|             | 147        | <del> </del> | $\vdash$   |          | $\vdash$ | -        | $\vdash$     | Η.       | H        |          | -        |  |
|             | 148<br>149 |              |  |          |          | H        | $\vdash$     |          | $\vdash$ | -        | -        |  |
|             | 150        | -            | -  | -        | -        | Н-       | -            |          | $\vdash$ |          |          |  |
|             | , 50       | ·            | _  |          |          | Щ.       |              |          |          | نـــا    |          |  |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)

## BEST AVAILABLE CUT